

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 10454-019001	Application No. 10/004,580
NOV 04 2002 PATENT & TRADEMARK OFFICE (37 CFR 1.98(b))		Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Kemal Sonmez et al.	
				Filing Date December 3, 2001	Group Art Unit 2621

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
DR	BA	6,314,434 B1	11/06/01	Shigemi et al.	707	203	—
DR	BB	5,873,052	02/16/99	Sharaf	702	20	—
DR	BC	5,701,256	12/23/97	Marr et al.	702	20	—
DR	BD	5,568,563	10/22/96	Tanaka et al.	382	144	—
	BE						RECEIVED
	BF						NOV 06 2002
	BG						Technology Center 2600
	BH						
	BI						
	BJ						
	BK						

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	BL						
	BM						
	BN						
	BO						
	BP						

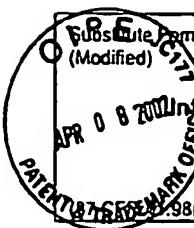
Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document					
	BQ						
	BR						
	BS						
	BT						

Examiner Signature <i>DR</i>	Date Considered 2-17-05
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Sheet 1 of 3



U.S. Department of Commerce  
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Attorney's Docket No.  
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Information Disclosure Statement  
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Kemal Sonmez, et al

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Group Art Unit  
2621

### U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>dh</i>	AA	6,128,587	10/03/2000	Sjolander	703	2	—
	AB						

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	RECEIVED		Translation
					Class	Subclass	
	AC				APR	12 2002	
	AD						Technology Center 2600

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>dh</i>	AE	Baldi, P. et al., "Hidden Markov Models of Biological Primary Sequence Information", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 1059-1063; February 1994.
	AF	Barrett, C. et al. "Scoring Hidden Markov Models", <i>CABIOS</i> , Vol. 13, No. 2, pp. 191-199; 1997.
	AG	Brakch, N. et al. "Favourable Side-Chain Orientation of Cleavage Site Dibasic Residues of Prohormone in Proteolytic Processing by Prohormone Convertase 1/3", <i>Eur. J. biochem.</i> Vol. 267, pp. 1626-1632; 2000.
	AH	Brown, M. et al., "Using Dirichlet Mixture Priors to Derive Hidden Markov Models for Protein Families", <i>Proc. of First Int. Conf. on Intelligent Systems for Molecular Biology</i> , pages 47-55, Menlo Park, CA, July 1993. AAAI/MIT Press.
	AI	Bucher, P. et al., "A Flexible Motif Search Technique based on Generalized Profiles", <i>Computers and Chemistry</i> , Vol. 20 pp. 3-24. January 1996.
	AJ	Chesneau, V. et al., "N-Arginine Dibasic Convertase (NRD Convertase): A Newcomer to the Family of Processing Endopeptidases", <i>Biochimie</i> Vol. 76, pp. 234-240; Paris, March 1994.
	AK	Chou, K-C. et al., "Studies on the Specificity of HIV Protease: An Application of Markov Chain Theory", <i>Journal of Protein Chemistry</i> , Vol. 12, No. 6, pp. 709-724; 1993.
	AL	Chou, K-C., "Prediction of Human Immunodeficiency Virus Protease Cleavage Sites in Protein", <i>Analytical Biochemistry</i> Vol. 233, pp. 1-14; 1996.
	AM	Chou, K-C. et al., "Predicting Human Immunodeficiency Virus Protease Cleavage Sites in Proteins by a Discriminant Function Method", <i>Proteins: Structure, Function, and Genetics</i> Vol. 24, pp. 51-72; 1996.
	AN	Eddy, SR., "Hidden Markov Models", <i>Current Opinion in Structural Biology</i> , Vol. 6, pp. 361-365, 1996.
	AO	Eddy, SR., "Profile Hidden Markov Models", <i>Bioinformatics</i> , Vol. 14, review of HMMs 1998.
<i>dh</i>	AP	Eddy, SR. et al., "Maximum Discrimination Hidden Markov Models of Sequence Consensus", <i>J. Computational Biology</i> Vol. 2 pp. 9-23, 1994.
<i>dh</i>	AQ	Eddy, SR., "Multiple Alignment Using Hidden Markov Models", <i>Proc. Third Int. Conf. Intelligent Systems for Molecular Biology</i> , AAAI Press, Menlo Park, pp. 114-120. PostScript; 1995.

Examiner Signature

Date Considered

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